Key to the Soils of New Hampshire

PARENT MATERIAL *temperature regime*	Soil Drainage Class Excessively Drained	Somewhat Excessively Drained	Well Drained	Moderately Well Drained	Somewhat Poorly Drained	Poorly Drained	Very Poorly Drained
A. Alluvial Deposits	Soils Developing on Flood Plain (Bottomland) Deposits						
Strongly acid; sandy to loamy textures *Mesic*	Suncook		Occum	Pootatuck	Pootatuck Var.	Rippowam Lim	
Frigid	Sunday		Ondawa	Podunk Podunk Var.	Podunk Var.	Rumney	
Slightly to medium acid; silty textures *Mesic*			Hadley	Winooski		Limerick	Saco
Frigid			Fryeburg	Lovewell		Charles	Medomak
Strongly acid; loamy over gravelly textures *Frigid*			Abenaki	Metallak Podunk Var.		Cohas Limerick Var.	Medomak Var. Saco Variant
B. Glaciofluvial Ice Contact and Proglacial Deposits	Soils Developed on Outwash and Stream Terraces						
Stratified sand and gravel deposits *Mesic*	Hinckley	Merrimac		Sudbury	Sudbury	Walpole	Scarboro
Frigid	Colton Colton Var.			Duane Sheepscot	Duane Var.	Kinsman	Searsport
Sandy deposits *Mesic*	Windsor Caesar			Deerfield	Deerfield Var.	Pipestone◆ Wareham Saugatuck◆	Scarboro
Frigid		Champlain Adams		Croghan	Croghan Var. Finch	Naumburg Au Gres◆	Searsport
Loamy textured material underlain by sand or gravel *Mesic*			Agawam Haven	Ninigret	Ninigret Var.	Raypol	
Frigid			Allagash Groveton Salmon Var.	Madawaska Nicholville Var.	Madawaska	Grange	
Stratified sand and gravel deposits with a high % of schist; phyllite *Mesic*	Quonset	Hoosic Warwick					
Frigid		Masardis	Stetson	Machias			
C. Marine or Glaciolacustrine Deposits	Soils Developed in Silt and Clay						
Silt and clay deposits *Mesic*			Suffield	Boxford	Boxford	Scitico	Maybid
Frigid				Buxton		Scantic	Biddeford
Very fine sand and silt *Mesic*			Hartland Hitchcock Unadilla Unadilla Var. Poocham	Belgrade Dartmouth Scio	Raynham Scio Variant	Raynham Binghamville	
Frigid			Salmon	Nicholville	Roundabout	Pemi Roundabout	

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C. Marine or Glaciolacustrine Deposits (cont.)	Soils Developed in Silt and Clay						
Sandy or loamy material 1.5 to 3 ft. thick over silt and clay deposits *Mesic*		Windsor Var.		Eldridge Elmridge	Eldridge Var. Shaker Var.	Squamscott Shaker	
Frigid			Melrose	Elmwood	Swanton	Swanton	
D. Till Materials	Soils Developed in Glacial Till						
Loose till of sandy textures *Mesic*		Gloucester Shapleigh[◆⌘]	Canton	Newfields Acton	Newfields Var.		
Frigid		Hermon Hermon Var. Success	Monadnock Monadnock Var.	Waumbek	Moosilauke	Moosilauke Lyme	
Loose or firm till of loamy textures *Mesic*			Hollis[⌘] Charlton Chatfield[⌘]	Sutton Chatfield Var.[⌘]	Sutton Var. Chatfield Var.[⌘]	Leicester Var. Leicester	
Frigid		Lyman[⌘] Woodstock[⌘] Millsite[⌘] Hogback	Berkshire Tunbridge Var.[⌘] Millsite[⌘] Rawsonville Tunbridge[⌘] Bice Macomber[⌘] Houghtonville	Sunapee Sunapee Var.	Sunapee Var.	Lyme Lyme Var.	
Friable till of silty textures derived mainly from mica schist and phyllite *Mesic*		Kearsarge[⌘]	Dutchess Cardigan[⌘] Pennichuck[⌘]				
Frigid		Thorndike[⌘] Glover[⌘] Monson[⌘]	Bangor Variant Bangor Winnecook[⌘] Elliottsville[⌘] Macomber[⌘]	Dixmont	Dixmont		
Firm, compact, platy till of silty textures derived mainly from mica schist and phyllite *Mesic*			Bernardston Bernardston Var.	Pittstown Pittstown Var.	Pittstown Var.	Stissing	
Frigid			Plaisted Lanesboro	Chesuncook Howland Buckland	Telos	Monarda Cabot Brayton	Burnham Peacham
Firm, compact, platy till of sandy textures *Mesic*			Montauk Millis[◆]	Scituate			
Frigid			Becket Henniker	Skerry Skerry Var.			
Firm, compact, platy till of loamy textures *Mesic*			Paxton	Woodbridge	Ridgebury	Ridgebury	Whitman
Frigid			Marlow Mundal Marlow Var.	Dixfield Peru[◆] Buckland Dixfield Var. Peru Var.[◆]	Colonel	Pillsbury Brayton Pillsbury Var. Cabot	Peacham

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E. Weathered Bedrock	Soils Developed on Weathered Bedrock						
Loose crystalline rock fragments mainly from weathered Conway granite (occurs mainly in Carroll, Grafton and possibly Coos Counties) *Frigid*		Canaan⌘	Redstone				
Loose phyllite fragments *Frigid*			Lombard				
F. High Elevation Till	Generally at Elevations Above 2,500 Feet						
Deep or very deep mineral soils with compact, platy till substrata *Cryic*			Sisk Berkshire Var.	Surplus	Surplus	Bemis	
Shallow to moderately deep mineral soils over bedrock *Cryic*			Saddleback⌘ Stratton⌘ Glebe⌘				
G. Organic Materials - Freshwater	Soils Developed in Organic Materials						
Undecomposed deposits of plant remains over 51 in. in depth (peat) *Frigid*							Waskish◆ Vassalboro
Deep, decomposed deposits of plant remains over 51 in. in depth (muck) *Frigid*							Bucksport Borohemists Greenwood◆
Very shallow organic soils over bedrock *Cryic*			Ricker⌘				
Shallow organic materials 16-51 in. in depth over sand or loamy sand *Frigid*							Pondicherry Chocorua
Shallow organic materials 16-51 in. in depth over loamy materials *Frigid*							Wonsqueak Ossipee
H. Organic Materials - Tidal Flat	Soils Developed in Organic Materials						
Organic materials greater than 51 in. in depth *Mesic*							Ipswich
Organic materials less than 51 in. in depth over sandy materials *Mesic*							Matunuck Pawcatuck
Organic materials 16-51 in. in depth over silty materials *Mesic*							Westbrook

FOOTNOTES

◆ No longer active soil names

⌘ Bedrock controlled soils

◆ Out of MLRA Region R soil